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(71) Applicant (for all designated States except US): **AP-
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[NL/NL]; Pietermaai 15, Curacao (AN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SOTO-JARA, Clau-
dio** [CL/US]; 2403 Pine Drive, Friendswood, TX 77546
(US). **MAUNDRELL, Kinsey** [GB/CH]; 16, Chemin de
la Gradelle, CH-1224 Geneva (CH).

(74) Agent: **SERONO INTERNATIONAL SA INTELLEC-
TUAL PROPERTY DEPARTMENT HASSA, JUER-
GEN**; 12, Chemin des Aulx, CH-1228 Plan-les-Ouates
(CH).

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(54) Title: **USE OF PRION CONVERSION MODULATING AGENTS**

(57) Abstract: The use of Apolipoprotein B, Apolipoprotein E, fragments and mimetics thereof is provided for diagnostic, detection, prognostic and therapeutic applications in prion diseases. More specifically, the invention provides the use of Apolipoprotein B or fragments thereof for modulating or identifying modulators of the prion protein replication which are implicated in the pathogenesis of transmissible spongiform encephalopathies and other prion diseases.

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